AUTODOC CLUB

# How to change pollen filter on **Mercedes W168** – replacement guide





## VIDEO TUTORIAL




**Important!**

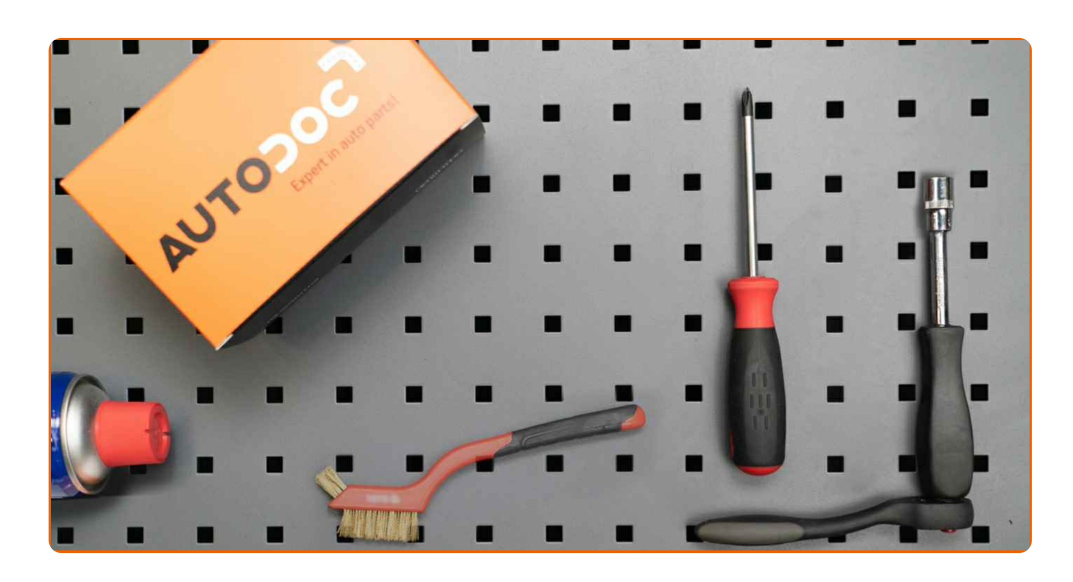
This replacement procedure can be used for:
MERCEDES-BENZ A-Class (W168) A 140 (168.031, 168.131), MERCEDES-BENZ A-Class (W168) A 160 (168.033, 168.133), MERCEDES-BENZ A-Class (W168) A 160 CDI (168.007), MERCEDES-BENZ A-Class (W168) A 170 CDI (168.008), MERCEDES-BENZ A-Class (W168) A 190 (168.032, 168.132), MERCEDES-BENZ A-Class (W168) A 160 CDI (168.006), MERCEDES-BENZ VANEO (414) 1.7 CDI (414.700), MERCEDES-BENZ VANEO (414) 1.6 (414.700), MERCEDES-BENZ VANEO (414) 1.9 (414.700), MERCEDES-BENZ A-Class (W168) A 210 (168.035, 168.135)

The steps may slightly vary depending on the car design.





## REPLACEMENT: POLLEN FILTER – MERCEDES W168.
## TOOLS YOU MIGHT NEED:




- Wire brush
- WD-40 spray
- Torque wrench
- Drive socket # 13
- Ratchet wrench
- Phillips Screwdriver
- Fender cover

**BUY TOOLS**



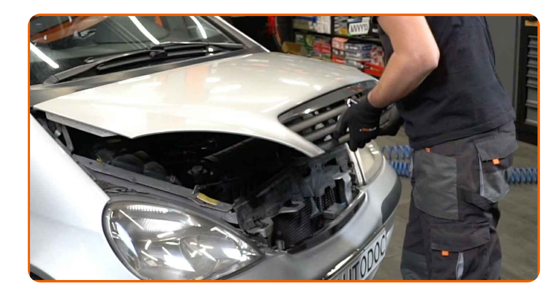


Replacement: pollen filter – Mercedes W168. AUTODOC experts recommend:

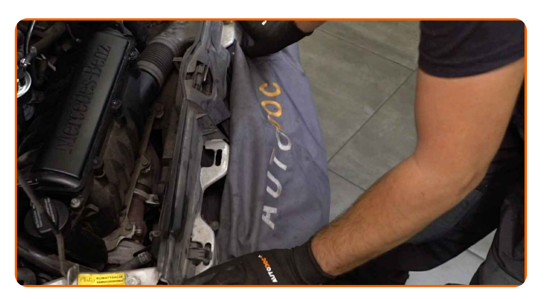
- Replace the cabin filter at least once every six months, in early spring and autumn seasons.
- Follow the terms, recommendations and requirements of the part operation provided by the manufacturer.
- If the air flow into the cabin has sharply reduced, replace the filter before a scheduled maintenance.
- Please note: all work on the car – Mercedes W168 – should be done with the engine switched off.

## CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1 Open the bonnet.



2 Use a fender protection cover to prevent damaging paintwork and plastic parts of the car.

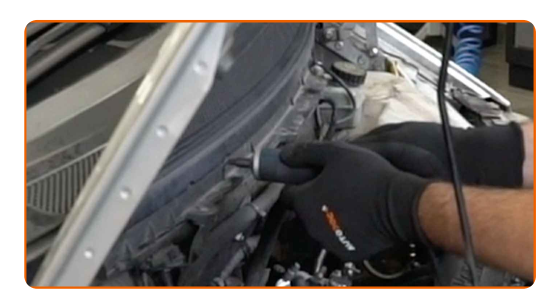






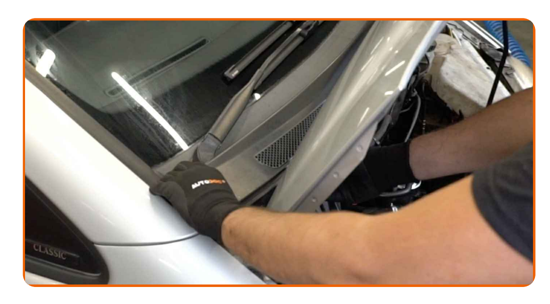
3

Unscrew the fasteners of the cowl grille. Use a Phillips screwdriver.



4

Raise up and remove the cowl grille.



5

Remove the windscreen wiper arm nut covers.



6

Clean the fasteners of the wiper arms. Use a wire brush. Use WD-40 spray.

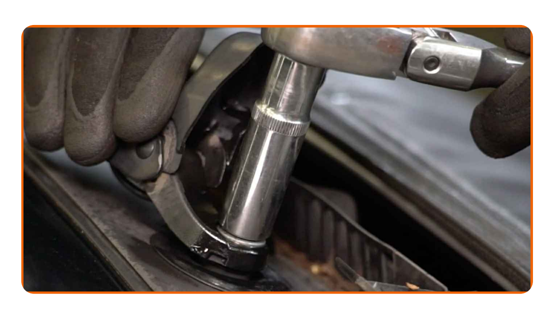






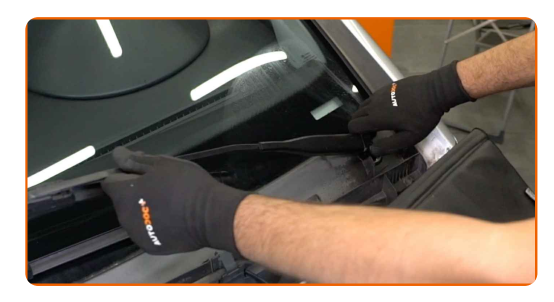
**7**

Unscrew the fasteners of the windscreen wiper arms. Use a drive socket #13. Use a ratchet wrench.



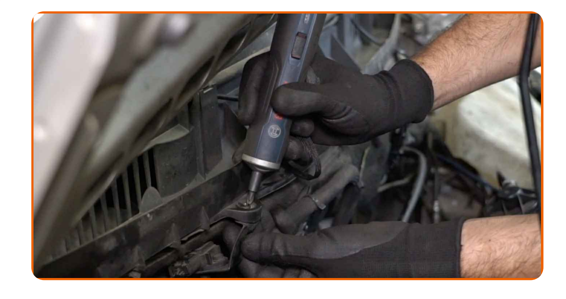
**8**

Remove the wiper arms.



**9**

Unscrew the fasteners of the lower part of the scuttle panel. Use a Phillips screwdriver.



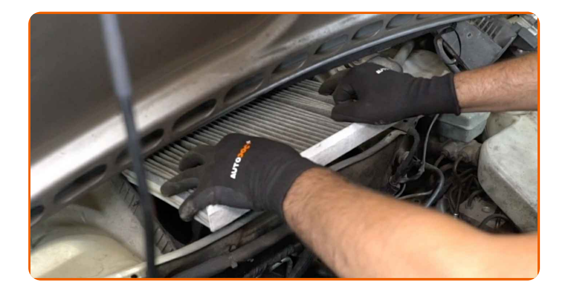
**10**

Remove the lower part of the scuttle panel.



**11**

Remove the cabin filter.





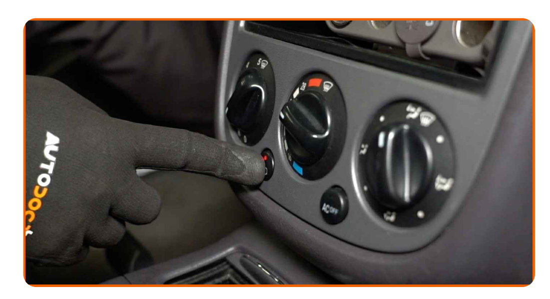


## Replacement: pollen filter – Mercedes W168. Professionals recommend:

- Do not attempt to clean and reuse the filter - it will affect the quality of air cleaning inside the car.

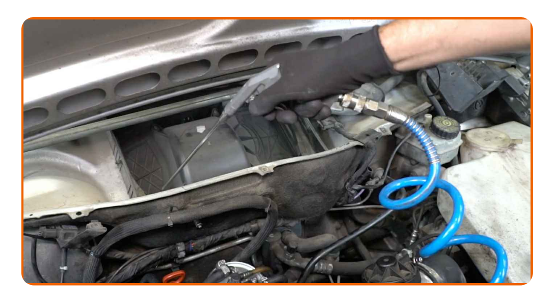
**12** Switch on the ignition.

**13** Close the heater flap.




**14** Switch off the ignition.

**15** Clean the cabin filter housing and cover.



## Replacement: pollen filter – Mercedes W168. AUTODOC experts recommend:

- Remove any debris from the cabin filter housing carefully to prevent contamination of the ventilation duct.





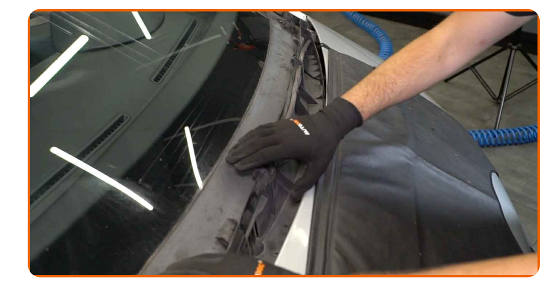
**16** Install the cabin filter to its mounting seat.



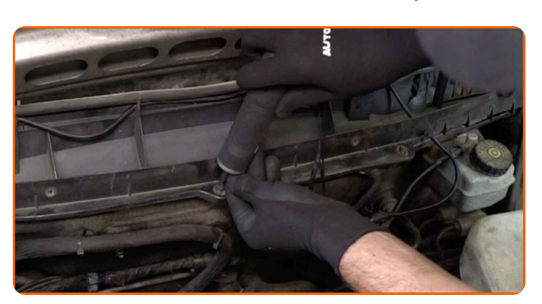
### Replacement: pollen filter – Mercedes W168. Tip from AUTODOC experts:

- Follow the air flow direction arrow on the filter.
- Check out the correct location of the filter element. Do not skew.
- Take care to only use quality filters.

**17** Reinstall the lower part of the scuttle panel.



**18** Screw in the fasteners of the lower part of the scuttle panel. Use a Phillips screwdriver.







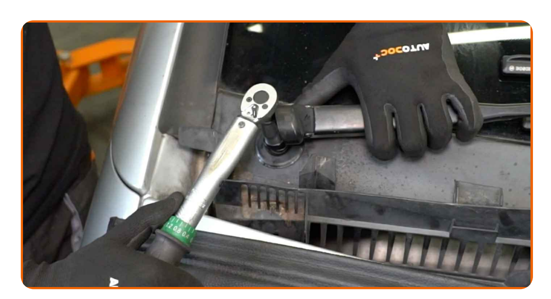
**19** Reinstall the wiper arms.



### AUTODOC recommends:

- Make sure not to mix up the wiper arms on the driver's and passenger's sides.

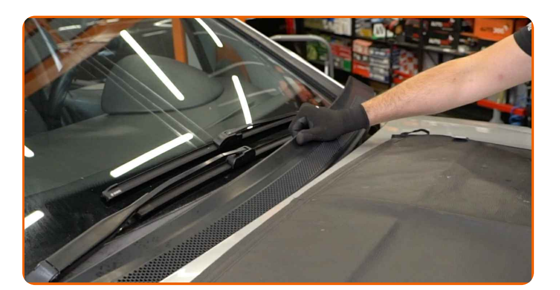
**20** Tighten the wiper arm fasteners. Use a drive socket #13. Use a torque wrench. Tighten it to 23 Nm torque.



**21** Install the nut covers of the windscreen wiper arms.



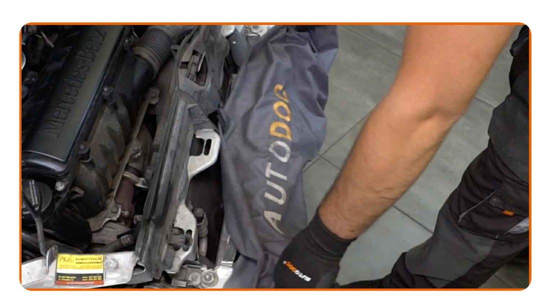
**22** Install and secure the cowl grille. Use a Phillips screwdriver.



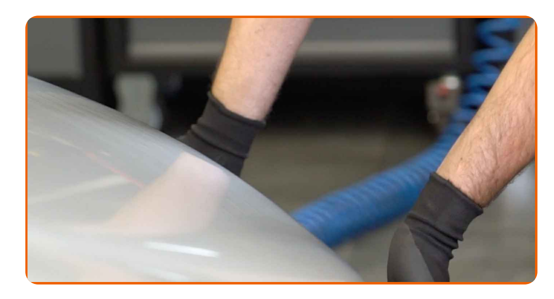




**23** Remove the fender protection cover.

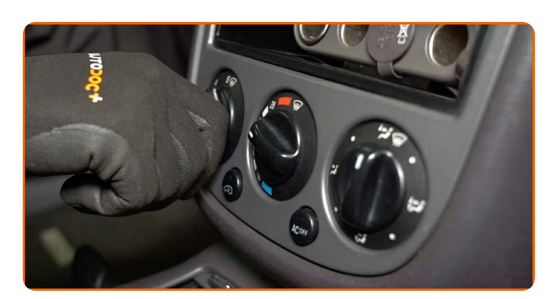



**24** Close the hood.



**25** Switch on the ignition. The heater flap will automatically return to its normal position.

**26** Switch on the air conditioning system. This is necessary in order to make sure that the component operates properly.



**27** Switch off the ignition.

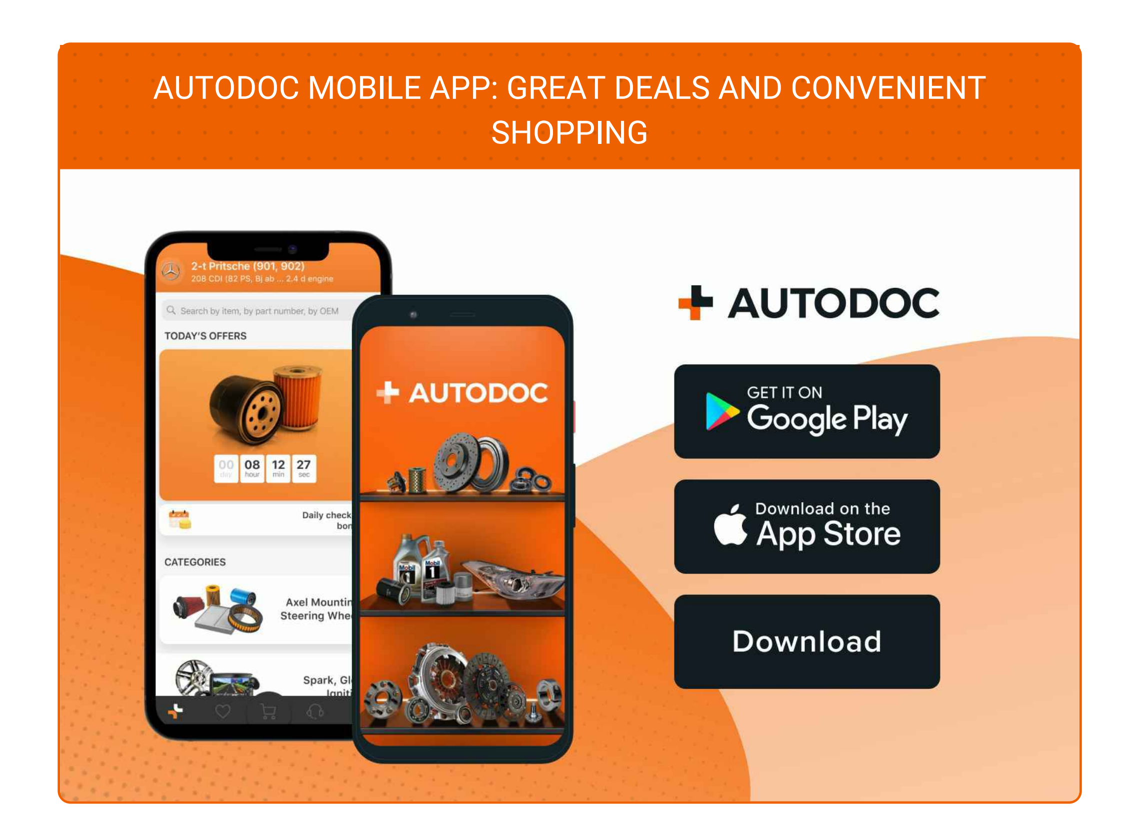



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